MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

February, 1946

ROBERT W. SLOANE, DIRECTOR

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WEATHER BUREAU

FEBRUARY 1945

METEOROLOGICAL REGISTER

Date	Barometer reduced to OC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	63.5	61.9	62.5	62.6	18.2	12.8	14.5	18.2	15.4	16.0
2	0.1	59.6	0.4	0.0	18.4	8.6	16.6	12.8	9.3	12.9
3	1.1	61.5	2.5	1.7	13.9	10.0	13.9	11.7	12.3	12.6
4	4.1	3.5	4.5	4.0	16.5	12.4	13.7	16.5	13.2	14.5
5	5.8	5.4	6.0	5.7	17.7	12.8	13.4	17.3	13.4	14.7
6	65.6	63.9	63.9	64.5	18.3	13.4	15.5	17.6	14.7	15.9
7	0.8	58.2	58.3	59.1	16.1	10.2	15.1	16.1	13.8	15.0
8	56.4	7.4	60.2	8.0	13.7	7.4	13.4	12.2	8.9	11.5
9	64.9	64.8	5.7	65.1	14.3	9.6	11.6	14.0	10.2	11.9
10	6.1	4.6	4.6	5.1	16.4	10.6	14.5	16.2	13.9	14.9
11	63.0	61.0	60.8	61.6	17.6	12.8	14.3	17.4	13.8	15.2
12	1.1	59.8	57.2	59.4	18.7	15 8	15.7	16.1	16.7	16.2
13	56.6	5.2	6.8	6.2	19.2	12.7	17.1	17.2	14.5	16.3
14	9.8	9.3	9.4	9.5	18.3	11.2	18.2	13.9	13.8	15.3
15	8.4	7.8	7.2	7.8	12.3	6.2	11.7	10.6	9.4	10.6
16	51.8	50.4	53.1	51.8	11.6	6.2	7.3	11.6	11.1	10.0
17	4.0	4.5	8.8	5.8	11.6	7.9	9.4	10.1	9.4	9.6
18	60.8	7.1	5.1	7.7	14.3	9.7	11.7	13.8	9.7	11.7
19	59.2	8.9	8.1	8.7	15.3	10.2	11.7	15.1	12.8	13.2
20	61.8	62.8	65.0	63.2	17.6	11.3	14.3	16.7	12.1	14.4
21	66.7	66.0	66.3	66.3	17.8	10.8	13.8	17.7	13.1	14.9
22	4.6	2.2	0.5	2.4	18.4	13.1	13.4	18.3	15.6	15.8
23	57.6	57.5	56.5	57.2	20.1	11.1	16.7	19.5	13.8	16.7
24	5.7	6.3	8.0	6.7	13.7	7.7	13.7	13.8	10.3	12.6
25	61.5	62.6	63.9	62.7	14.7	10.7	12.2	14.3	11.3	12.6
26	64.9	64.7	66.0	65.2	17.9	10.1	14.7	16.9	12.7	14.8
27	6.9	7.0	7.7	7.2	17.0	9.7	13.2	16.6	13.2	14.3
28	8.0	7.0	6.9	7.3	17.2	10.8	13.8	16.8	12.8	14.5
	61.45	60.74	61.28	61.16	16.31	10.56	13.75	15.32	12.54	13.87

Barometer, range for month 750.4 — 768.0 mm.
„ 62-yr. average for month 762.10 mm.
Thermometer, range for month 6.2° — 20.1°C
„ 62-yr. average for month 14.28° C.
Rain, total for month 249.67 m.m.
„ 62-yr. average for month 161.29 m.m.
„ Total, Sept. 1st. to end of month 649.73 mm.
„ 62-yr. average, Sept. 1st. to end of month 715.52 mm.

FEBRUARY 1945

METEOROLOGICAL REGISTER

Date	Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	8.4	8.6	9.4	8.8	68	55	72	65	6.6	520.0	
2	7.2	9.0	7.2	7.8	51	82	81	71	2.3	463.0	7.37
3	8.4	8.9	6.8	8.0	71	86	64	74	6.2	745.0	6.35
4	7.8	9.7	8.0	8.5	68	69	70	69	9.5	386.0	
5	8.4	9.3	8.4	8.7	73	64	73	70	9.6	444.0	
6	8.7	9.3	8.8	8.9	67	63	71	67	7.7	343.0	
7	8.8	9.9	10.3	9.7	69	73	88	77	0.8	1070.0	17.27
8	7.5	7.5	7.0	7.3	65	70	83	73	1.0	883.0	19.81
9	6.7	6.8	6.8	6.8	65	57	71	64	9.3	447.0	1.27
10	7.5	8.5	8.6	8.2	62	63	73	66	9.6	344.0	
11	9.9	10.3	8.9	9.7	82	70	76	76	9.3	248.0	
12	9.5	12.7	11.4	11.2	71	94	80	82	9.0	406.0	
13	11.3	12.2	8.7	10.7	78	84	71	78	2.7	370.0	5.33
14	8.3	10.3	7.3	8.6	53	87	63	68	3.8	837.0	8.63
15	9.1	8.7	7.7	8.5	89	91	88	89	0.0	1078.0	48.52
16	6.4	7.1	6.3	6.6	85	71	64	73	0.0	1289.0	54.35
17	6.4	6.0	6.0	6.1	72	65	68	68	4.0	1054.0	11.68
18	7.2	7.8	7.2	7.4	70	66	80	72	2.3	671.0	12.19
19	7.6	7.9	8.4	8.0	74	62	76	71	5.4	592.0	16.26
20	8.1	8.9	8.4	8.5	67	63	79	70	7.3	465.0	10.16
21	7.8	9.0	8.7	8.5	66	60	77	68	10.0	476.0	
22	7.8	10.1	10.9	9.6	68	65	82	72	10.2	327.0	
23	9.4	10.1	9.0	9.5	67	60	76	68	10.1	761.0	
24	8.3	9.8	8.4	8.8	71	83	90	81	0.4	1030.0	17.02
25	7.4	7.3	8.9	7.9	70	60	90	73	1.2	528.0	13.46
26	9.2	8.8	8.4	8.8	74	62	77	71	9.8	275.0	
27	7.2	7.7	7.6	7.5	63	55	67	62	10.2	328.0	
28	7.1	7.9	7.7	7.6	61	55	70	62	10.6	251.0	
	8.12	8.92	8.25	8.43	69.2	69.1	75.7	71.4	6.03	652.75	8.91

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.: Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of reading minus 2 hours equals G.C.T.
62 year averages are for period, 1875-1936

FEBRUARY 1944

METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	10cu	1cu	2cu	4.3	1sw	2sw	1sw	light	Tr. a. m.
2	10cu	10ni	9ni	9.6	2sw	1sw	1sw	mod.	
3	9ni	9ni	1cu	6.3	1e	0	3ne	„	Tr. a.m.
4	0	0	0	0.0	1s	1sw	1ne	light	
5	4cu	0	9cu	4.3	0	1sw	0	„	
6	1ci	7cu	7cu	5.0	1sw	1sw	1sw	light	
7	10cu	10ni-cu	10ni	10.0	3sw	3sw	3sw	light	W. at night
8	8ni	10ni	10ni	9.3	5sw	5nw	2sw	rough	
9	3cu	1cu	1cu	1.7	1nw	1nw	1nw	slight	
10	0	4ci	0	1.3	1sw	1w	1nw	„	
11	0	0	0	0.0	1s	1ne	0	light	Tr. a.m.
12	10cu-st	0	8cu	6.0	1e	1sw	0	„	
13	9cu	10ni	6cu-ni	8.3	1sw	3sw	1sw	slight	Tr. a.m.
14	6cu	10ni	9cu-ni	8.3	1sw	2sw	1sw	mod.	
15	10ni	10ni	10ni	10.0	1sw	1sw	1sw	„	G. & T. at night
16	10ni	10ni	6ni	8.7	3sw	5w	5sw	rough	snowfall at 8 a.m, & G. at night
17	9ni	8cu-ni	6cu-ni	7.7	5w	5w	3w	„	
18	9ni	10ni-cu	10ni	9.7	2sw	3sw	4sw	„	
19	7cu-ni	8cu-ni	9ni	8.0	2sw	2sw	2w	mod.	
20	10ni	5cu	1cu	5.0	3sw	1sw	1sw	„	
21	10cu	1cu	0	3.7	1se	1w	0	slight	Tr. a.m.
22	0	0	0	0.0	0	1ne	0	light	
23	0	0	0	0.0	0	2sw	0	„	
24	9cu-ni	10ni	10ni	9.7	2sw	3sw	3sw	mod.	W. at night
25	9ni	10ni	1cu	6.7	2sw	3sw	1sw	„	
26	3cu	0	0	1.0	1w	1w	0	slight	
27	0	0	0	0.0	0	2n	0	light	
28	0	0	0	0.0	1e	1nw	1ne	„	
				5.16					

* Abbreviations :— G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	0	3	1	2	15	2	1	4	28
14:30	1	2	0	0	0	16	5	3	1	28
20:30	0	3	0	0	0	13	2	2	8	28
Totals	1	5	3	1	2	44	9	6	13	84

Number of days with rain 15, fog 0, thunderstorms 1, gale 2.

62 yr av. days with rain during month 14.0 days